



Tetra Tech EM Inc.

8030 Flint Street ♦ Lenexa, Kansas 66214 ♦ (913) 894-2600 ♦ FAX (913) 894-6295

TES

Site:	Henry Sever Conservation Area
ID#	MOSFN 0703653
Break:	1.5
Other:	A755
8-22-02	

August 22, 2002

Mr. Roy Crossland
START Project Officer
U.S. Environmental Protection Agency, Region 7
901 North 5th Street
Kansas City, Kansas 66101



40035554
SUPERFUND RECORDS

Subject: Abbreviated Preliminary Assessment
Henry Sever Conservation Area Site, Newark, Missouri
CERCLIS ID: MOSFN0703653
U.S. EPA Region 7 START 2, Contract No. 68-S7-01-41, Task Order No. 0100
Task Order Manager: Ronald King

Dear Mr. Crossland:

Tetra Tech EM Inc., Superfund Technical Assessment and Response Team (START) is submitting the attached abbreviated preliminary assessment report for the above-referenced site. If you have any questions or comments regarding this submittal, please contact the project manager at (913) 495-3942.

Sincerely,

Stephanie McCaslin
START Project Manager

Hieu Q. Vu, PE, CHMM
START Program Manager

Enclosure

**ABBREVIATED PRELIMINARY ASSESSMENT
HENRY SEVER CONSERVATION AREA SITE - NEWARK, MISSOURI
CERCLIS ID: MOSFN0703653**

**Superfund Technical Assessment and Response Team 2 Contract
Contract No. 68-S7-01-41, Task Order No. 0100**

Prepared for:

U.S. Environmental Protection Agency
Region 7
901 North 5th Street
Kansas City, Kansas 66101

August 22, 2002

Prepared by:

Tetra Tech EM Inc.
8030 Flint Street
Lenexa, Kansas 66214
(913) 894-2600

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1.0 INTRODUCTION

Tetra Tech EM Inc. (Tetra Tech) was tasked by the Region 7 U.S. Environmental Protection Agency (EPA), under the Superfund Technical Assessment and Response Team (START) 2 contract, Contract No. 68-S7-01-41, Task Order No. 00100.00, to conduct an Abbreviated Preliminary Assessment (APA) for the Henry Sever Conservation Area Site (site) in Newark, Missouri. The objectives of the APA included:

- Review of the EPA Superfund site file
- Preparation of an APA for the site, following the guidance document and completing the APA Checklist in Appendix B of the guidance document

The site was an Emergency Response conducted by the Missouri Department of Natural Resources (MDNR). The site came to the attention of the EPA Emergency Response and Removal Branch (ERRB) through MDNR, whose assistance was requested from the Missouri Department of Conservation (MDOC) (EPA 2000b). A Potential Hazardous Waste Site - Site Identification was initiated, based on data and information provided by MDOC (EPA 2000a). MDNR conducted a removal investigation at the site on May 5, 2000 (EPA 2000b).

Because a Potential Hazardous Waste Site - Site Identification form was completed, the site was entered into the Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) as a potential hazardous waste site on May 5, 2000. CERCLIS entry triggers the requirement to complete a Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) assessment under the provisions of the National Contingency Plan (NCP). As warranted under the provisions of the NCP, after the site was entered into CERCLIS, an APA was required to determine whether further CERCLA investigative actions were necessary at the site. EPA has made a determination that no further removal or remedial action is required or planned at the site. Therefore, the site qualifies for an APA, in accordance with Section 2.2.4 of the EPA Guidance for Performing Preliminary Assessments Under CERCLA and Section 300.420 of the NCP (EPA 1997).

This APA has been prepared to satisfy the administrative requirements of the NCP with regard to CERCLA assessment. An APA Checklist has been prepared for the site and is attached to this report (see Appendix B). The following documents were obtained from a file review for the site and also are

attached to this report: EPA Form 2070-11: Potential Hazardous Waste Site - Site Identification; Finding of Imminent and Substantial Endangerment - Henry Sever Conservation Area Site, Newark, Missouri, dated July 10, 2000; EPA Pollution Report, dated July 24, 2000; Action Memorandum Amendment, dated September 12, 2000; and Final Administrative Record for the Henry Sever Conservation Area Site, Newark, Missouri, dated December 11, 2000 (see Appendix C).

2.0 SITE DESCRIPTION, OPERATIONAL HISTORY, AND WASTE CHARACTERISTICS

The following sections describe the site, site history, and wastes.

2.1 LOCATION

The site is located in northeastern Missouri, in Knox County. The address for the site is Highway KK, Newark, Missouri. The site is located in the north half of Section 14, Township 60 north, Range 10 west (U. S. Geological Survey 1954), approximately 0.50 mile north of the Myers River.

2.2 SITE DESCRIPTION

The site location was near a public recreation lake owned by the State of Missouri (EPA 2000b). One drum containing chemicals was discovered by an MDOC employee. The drum was discovered in an unsecured location and was accessible to the public (EPA 2000b).

2.3 OPERATIONAL HISTORY AND WASTE CHARACTERISTICS

The site was an Emergency Response undertaken by MDNR. The site came to the attention of EPA ERRB through MDNR (EPA 2000c).

MDNR investigated the site on May 5, 2000, following notification by MDOC. MDNR sampled the dark liquid in the drum. Sample results indicated that 2,5,6-trichlorophenol (TCP) was present at 1,100 parts per million (ppm), along with 2,4,5-TCP at 550 ppm. EPA was tasked by MDNR to perform a removal action at the site, following analysis that indicated the drum contained spent pesticide (EPA 2000c).

EPA tasked IT Group to arrange for transportation and disposal of the drum to an appropriate disposal facility. On August 18, 2000, the drum was overpacked and picked up by Mesa, Inc., and delivered to Millennium Environmental Inc. of Missouri (MEI-MO), in Scott City, Missouri, for disposal. Further sampling indicated that the waste contained polychlorinated biphenyls, so the drum was transported to a Safety-Kleen facility, in Deer Park, Texas, for disposal (EPA 2000c).

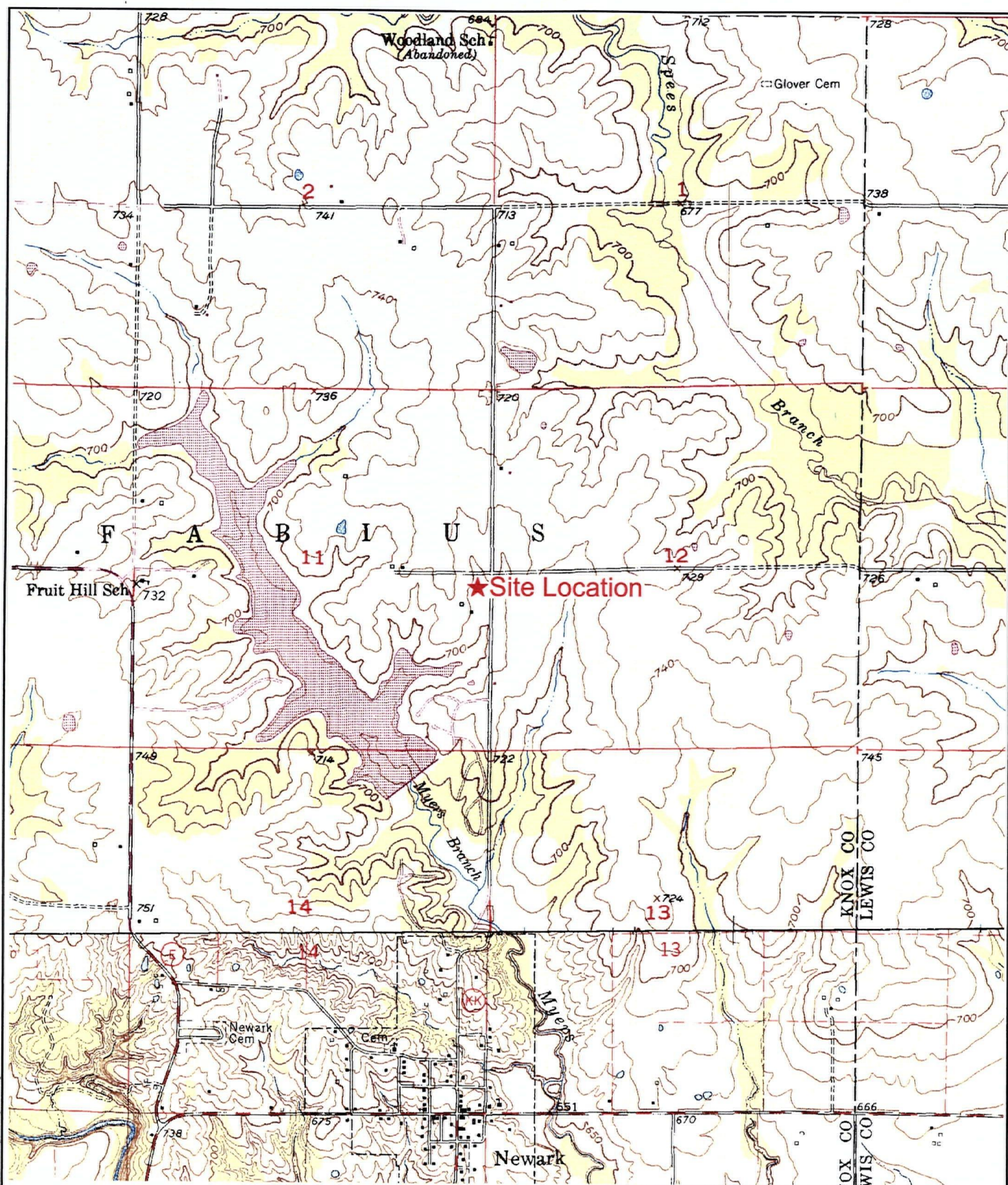
3.0 CONCLUSIONS

Based on the response action taken by EPA at the site, Tetra Tech START has determined that no significant threat to human health or the environment remains at the site. All abandoned materials were removed from the site, placed in an overpack drum, and disposed; therefore, Tetra Tech START believes that no further removal actions are necessary. Currently, the site does not present a significant threat to any future residents, the surrounding population, or the environment.

4.0 REFERENCES

- U.S. Environmental Protection Agency (EPA). 1997. Interoffice Memorandum Regarding Legal Requirements for Comprehensive Environmental Response, Compensation, and Liability Act Preliminary Assessments. From David Cozad, Office of Regional Counsel, EPA Region 7. To Paul Doherty, Superfund Division, EPA Region 7. November 13.
- EPA. 2000a. "Potential Hazardous Waste Site - Site Identification." May.
- EPA. 2000b. "Finding of Imminent and Substantial Endangerment - Henry Sever Conservation Area Drum Site, Newark, Missouri." July.
- EPA. 2000c. "Pollution Report - Henry Sever Conservation Area Drum Site, Newark, Missouri." July.
- U.S. Geological Survey. 1954. 7.5-Minute Topographic Map, Clayton, Missouri, Quadrangle. Washington, DC.

APPENDIX A
SITE LOCATION MAP
(One Page)



V:\START 2 (98011)\Task 0100 - Henry Sever Conservation Area |Figures\Figure 1.dwg

Source: USGS Clayton, MO 7.5 Minute Topo Quad, 1954, Revised 1993

Date: 08/19/02

Drawn By: Roger Stull

Project No: G8011 L 03 0101 00

APPENDIX B
ABBREVIATED PRELIMINARY ASSESSMENT CHECKLIST
(Four Pages)

ABBREVIATED PRELIMINARY ASSESSMENT CHECKLIST

This checklist can be used to help the site investigator determine if an Abbreviated Preliminary Assessment (APA) is warranted. This checklist should document the rationale for the decision on whether further steps in the site investigation process are required under CERCLA. Use additional sheets, if necessary.

Checklist Preparer: Stephanie McCaslin/Environmental Scientist 8/19/2002
 (Name/Title) (Date)
8030 Flint, Lenexa, KS 66214 913-495-3942
 (Address) (Phone)
Stephanie.McCaslin@ttemi.com
 (E-Mail Address)

Site Name: Henry Sever Conservation Area Site

Previous Names (if any): NA

Site Location: Highway KK
 (Street)
Newark, MO 63458 -
 (City) (ST) (Zip)

Latitude: 40°00'38° **Longitude:** 99°51'57°

Describe the release (or potential release) and its probable nature: The Henry Sever Conservation Area Site was an Emergency Response to address a 55-gallon drum containing pesticide waste. On May 5, 2000, the drum came to the attention of the Missouri Department of Natural Resources from a Missouri Department of Conservation employee who noticed the abandoned drum. An Imminent and Substantial Endangerment document was initiated based on the presence of the abandoned drum. Based on the findings, it was determined that the drum presented a threat to public health, welfare, and the environment and failure to respond to the incident present at the site could result in release. The drum contents were sampled and removed.

Part 1 – Superfund Eligibility Evaluation

If all answers are "no" go on to Part 2, otherwise proceed to Part 3.

	YES	NO
1. Is the site currently in CERCLIS or an "alias" of another site?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Is the site being addressed by some other remedial program (Federal, State, or Tribal)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3. Are the hazardous substances potentially released at the site regulated under a statutory exclusion (e.g., petroleum, natural gas, natural gas liquids, synthetic gas usable for fuel, normal application of fertilizer, release located in a workplace, naturally occurring, or regulated by the NRC, UMTRCA, or OSHA)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4. Are the hazardous substances potentially released at the site excluded by policy considerations (i.e., deferred to RCRA corrective action)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Part 1 – Superfund Eligibility Evaluation (Continued)

5. Is there sufficient documentation to demonstrate that no potential for a release that could cause adverse environmental or human health impacts exists (e.g., comprehensive remedial investigation equivalent data showing no release above ARARs, completed removal action, previous HRS score determined, or an EPA approved risk assessment completed)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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Please explain all “yes” answer(s).

1. The site is a CERCLIS Hazardous Waste Site as of May 2000.
5. Site removal was completed on November 9, 2000.

Part 2 – Initial Site Evaluation

For Part 2, if information is not available to make a “yes” or “no” response, further investigation may be needed. In these cases, determine whether an APA is appropriate. Exhibit 1 parallels the questions in Part 2. Use Exhibit 1 to make decisions in Part 3.

If the answer is “no” to any of questions 1, 2, or 3, proceed directly to Part 3.

	YES	NO
1. Does the site have a release or a potential to release?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2. Does the site have uncontained sources containing CERCLA eligible substances?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3. Does the site have documented on-site, adjacent, or nearby targets?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

If the answers to questions 1, 2, and 3 above were all “yes”, then answer the questions below before proceeding to part 3.

	YES	NO
4. Does documentation indicate that a target (e.g., drinking water wells, drinking surface water intakes, etc.) has been exposed to a hazardous substance released from the site?	<input type="checkbox"/>	<input type="checkbox"/>
5. Is there an apparent release at the site with no documentation of exposed targets, but there are targets on site or immediately adjacent to the site?	<input type="checkbox"/>	<input type="checkbox"/>
6. Is there an apparent release and no documented on-site targets or targets immediately adjacent to the site, but there are nearby targets (e.g., targets within 1 mile)?	<input type="checkbox"/>	<input type="checkbox"/>
7. Is there no indication of a hazardous substance release, and there are uncontained sources containing CERCLA hazardous substances, but there is a potential to release with targets present on site or in proximity to the site?	<input type="checkbox"/>	<input type="checkbox"/>

Notes:

EXHIBIT 1
SITE ASSESSMENT DECISION GUIDELINES FOR A SITE

Exhibit 1 identifies different types of site information and provides some possible recommendations for further site assessment activities based on that information. You will use Exhibit 1 in determining the need for further action at the site, based on the answers to the questions in Part 2. Please use your professional judgment when evaluating a site. Your judgment may be different from the general recommendations for a site given below.

Suspected/Documented Site Conditions		APA	Full PA	PA/SI	SI
1. There are no releases or potential to release.		Yes	No	No	No
2. No uncontained sources with CERCLA-eligible substances are present on site.		Yes	No	No	No
3. There are no on-site, adjacent, or nearby targets		Yes	No	No	No
4. There is documentation indicating that a target (e.g., drinking water wells, drinking surface water intakes, etc.) has been exposed to a hazardous substance released from the site.	Option 1: APA → SI	Yes	No	No	Yes
	Option 2: PA/SI	No	No	Yes	NA
5. There is an apparent release at the site with no documentation of exposed targets, but there are targets on site or immediately adjacent to the site.	Option 1: APA → SI	Yes	No	No	Yes
	Option 2: PA/SI	No	No	Yes	NA
6. There is an apparent release and no documented on-site targets and no documented targets immediately adjacent to the site, but there are nearby targets. Nearby targets are those targets that are located within 1 mile of the site and have a relatively high likelihood of exposure to a hazardous substance migration from the site.		No	Yes	No	No
7. There is no indication of a hazardous substance release, and there are uncontained sources containing CERCLA hazardous substances, but there is a potential to release with targets present on site or in proximity to the site.		No	Yes	No	No

Part 3 – EPA Site Assessment Decision

When completing Part 3, use Part 2 and Exhibit 1 to select the appropriate decision. For example, if the answer to question 1 in Part 2 was “no,” then an APA may be performed and the “NFRAP” box below should be checked. Additionally, if the answer to question 4 in Part 2 is “yes,” then you have two options (as indicated in Exhibit 1): Option 1 – conduct an APA and check the “Lower Priority SI” or “Higher Priority SI” box below; or Option 2 – proceed with a combined PA/SI assessment.

Check the box that applies based on the conclusions of the APA:

- | | |
|---|--|
| <input checked="" type="checkbox"/> NFRAP | <input type="checkbox"/> Refer to Removal Program – further site assessment needed |
| <input type="checkbox"/> Higher Priority SI | <input type="checkbox"/> Refer to Removal Program – NFRAP |
| <input type="checkbox"/> Lower Priority SI | <input type="checkbox"/> Site is being addressed as part of another CERCLIS site |
| <input type="checkbox"/> Defer to RCRA Subtitle C | <input type="checkbox"/> Other: _____ |
| <input type="checkbox"/> Defer to NRC | |

Regional EPA Reviewer:

Ronald King / Ronald King
Print Name/Signature

10-2-02
Date

PLEASE EXPLAIN THE RATIONALE FOR YOUR DECISION: Based on the response action taken by the Environmental Protection Agency at the site, it has been determined that no significant threat to human health or the environment remains at the site. Sampling was conducted at the site during removal actions, and it was determined that the drum contained 2,5,6-trichlorophenol (TCP) and 2,4,5-TCP. However, no release of the substance contained within the drum was observed. A subcontractor to EPA disposed of the 55-gallon drum. The site does not present a significant threat to any future residents, the surrounding population, or the environment.

NOTES:

NA Not applicable

APPENDIX C

**COPY OF INFORMATION LOCATED IN
U.S. ENVIRONMENTAL PROTECTION AGENCY FILES**

(15 Pages)



POTENTIAL HAZARDOUS WASTE SITE
SITE IDENTIFICATION

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site)

Henry ~~Sever~~ Sever Conservation Area

02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER

03 CITY

Newark

04 STATE

MO

05 ZIP CODE

63458

06 COUNTY

Knox

07 COUNTY CODE

08 CONG DIST

09 DIRECTIONS TO SITE (Starting from nearest public road)

Highway KK

III. RESPONSIBLE PARTIES

01 OWNER (if known)

STATE MO

02 STREET (Business, residential, mailing)

03 CITY

04 STATE

05 ZIP CODE

06 TELEPHONE NUMBER

()

07 OPERATOR (if known and different from owner)

08 STREET (Business, residential, mailing)

09 CITY

10 STATE

11 ZIP CODE

12 TELEPHONE NUMBER

()

13 TYPE OF OWNERSHIP (Check one)

☐ A. PRIVATE

☐ B. FEDERAL:

(Agency name)

☒ C. STATE

☐ D. COUNTY

☐ E. MUNICIPAL

☐ F. OTHER:

(Specify)

☐ G. UNKNOWN

IV. HOW IDENTIFIED

01 DATE IDENTIFIED

5.5.00
MONTH DAY YEAR

02 IDENTIFIED BY (Check all that apply)

☐ A. CITIZEN COMPLAINT

☐ B. INDUSTRY

☒ C. STATE/LOCAL GOVERNMENT

☐ D. AERIAL RECONNAISSANCE

☐ E. RCRA INSPECTION

☐ F. SURFACE IMPOUNDMENT ASSESSMENT

☐ G. OTHER EPA IDENTIFICATION

☐ H. OTHER:

(Specify)

V. SITE CHARACTERIZATION

01 TYPE OF SITE (Check all that apply)

☐ A. STORAGE

☐ B. TREATMENT

☒ C. DISPOSAL

☐ D. UNAUTHORIZED DUMPING

☐ E. OTHER:

(Specify)

02 SUMMARY OF KNOWN PROBLEMS (Provide narrative description)

Site: Henry Sever Conservation
ID# MO6FN0703653
Break: 1.4
Other: 5/5/00

03 SUMMARY OF ALLEGED OR POTENTIAL PROBLEMS (Provide narrative description)

#128357

VI. INFORMATION AVAILABLE FROM

01 CONTACT

Jim Silver

02 OF (Agency/Organization)

EPA

03 TELEPHONE NUMBER

341-223-5007

04 PREPARED BY

05 AGENCY

06 ORGANIZATION

07 TELEPHONE NUMBER

()

08 DATE

MONTH DAY YEAR



AS
6/15/11



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION VII
901 NORTH 5TH STREET
KANSAS CITY, KANSAS 66101

Site:	HENRY SEVER C.A.D. SITE
ID #	MOSFN0703653
Break:	2.6
Other:	7-10-2000

FINDING OF IMMINENT AND SUBSTANTIAL ENDANGERMENT

Henry Sever Conservation Area Drum Site
Newark, Missouri

An imminent and substantial endangerment to the public health, welfare or the environment exists at this location because of an actual or threatened release of a hazardous substance. This threat is due to a 55-gallon drum containing a pesticide waste that was abandoned on the Henry Sever Conservation Area, a property owned by the State of Missouri.

I. SITE INFORMATION

Site Name:	Henry Sever Conservation Area Drum
Site Number:	A755
CERCLIS ID:	MOSFN0703653
Site Location:	Henry Sever Conservation Area, Newark, MO
Potentially Responsible Parties:	Unknown
Access:	<input type="checkbox"/> Restricted <input checked="" type="checkbox"/> Unrestricted
NPL Status:	non-NPL
Category of Removal:	Emergency

II. THREAT TO THE PUBLIC HEALTH OR WELFARE OR THE ENVIRONMENT

A. Site Background

The site is located in Knox County, approximately 3 miles north of Newark, MO on Rt. KK. The property is located in a rural area of north Missouri near a public recreation lake. A Missouri Department of Conservation (DOC) employee reported the abandoned drum to the Missouri Department of Natural Resources (MDNR). The container is located in an unsecured location and is accessible to children and vandals.

B. Hazardous Substances Present

The MDNR investigated the site on May 5, 2000, following notification by the DOC and sampled the dark liquid in the drum. The material was analyzed for BNA (Method 8270). The sample results indicate that 2,5,6-trichlorophenol was present at 1,100 ppm along with 2,4,5-trichlorophenol at 550 ppm.

125890



S00126084
SUPERFUND RECORDS



C. Nature of Actual or Threatened Release of Hazardous Substances

The 55-gallon drum is located in an unsecured location with accessibility to the public. It is in a location the public routinely travels.

The following factors from 40 CFR 300.415 were considered in determining the appropriateness of a removal action:

 X Actual or potential exposure to nearby human populations, animals or food chain from hazardous substances or pollutants or contaminants [300.415(b)(2)(i)].

 X Actual or potential contamination of drinking water supplies or sensitive ecosystems [300.415(b)(2)(ii)].

 X Hazardous substances or pollutants or contaminants in drums, barrels, tanks or other bulk storage containers, that pose a threat of release [300.415(b)(2)(iii)].

 High levels of hazardous substances or pollutants or contaminants in soils [300.415(b)(2)(iv)].

 X Weather conditions that may cause hazardous substances or pollutants to migrate or to be released [300.415(b)(2)(v)].

 Threat of fire or explosion [300.415(b)(2)(2)(vi)].

 X The availability of other appropriate Federal or state response mechanisms to respond to the release [300.415(b)(2)(vii)].

 Other situations or factors that may pose threats to the public health or welfare or the environment.

III. SELECTED REMOVAL ACTION

The selected action for this emergency response is to dispose of the contents of the container at an appropriate facility in compliance with CERCLA off-site policy.

IV. ESTIMATED COSTS

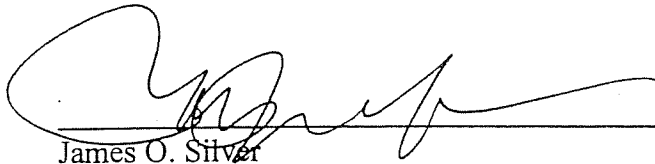
Extramural costs

ERRS	\$1,026.29
Contingency	\$ 280.00
Subtotal, Extramural Costs	\$1,306.29

Intramural Costs

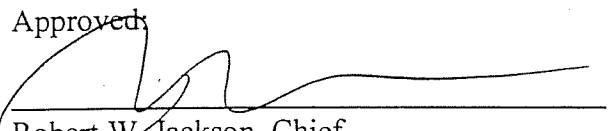
Direct cost	\$ 120.00
Indirect Cost	\$ 250.00
Subtotal, Intramural Costs	\$ 370.00

TOTAL REMOVAL PROJECT CEILING	\$1,676.29
--------------------------------------	-------------------


James O. Silver
On Scene Coordinator

Date: June 29, 1999

Approved:


Robert W. Jackson, Chief
Emergency Response & Removal Branch

Date: 7-10-99

JUL 14 2000

FINDING OF IMMINENT AND SUBSTANTIAL ENDANGERMENT

Henry Sever Conservation Area Drum Site
Newark, Missouri

An imminent and substantial endangerment to the public health, welfare or the environment exists at this location because of an actual or threatened release of a hazardous substance. This threat is due to a 55-gallon drum containing a pesticide waste that was abandoned on the Henry Sever Conservation Area, a property owned by the State of Missouri.

I. SITE INFORMATION

Site Name:	Henry Sever Conservation Area Drum
Site Number:	A755
CERCLIS ID:	MOSFN0703653
Site Location:	Henry Sever Conservation Area, Newark, MO
Potentially Responsible Parties:	Unknown
Access:	<input type="checkbox"/> Restricted <input checked="" type="checkbox"/> Unrestricted
NPL Status:	non-NPL
Category of Removal:	Emergency

II. THREAT TO THE PUBLIC HEALTH OR WELFARE OR THE ENVIRONMENT

A. Site Background

The site is located in Knox County, approximately 3 miles north of Newark, MO on Rt. KK. The property is located in a rural area of north Missouri near a public recreation lake. A Missouri Department of Conservation (DOC) employee reported the abandoned drum to the Missouri Department of Natural Resources(MDNR). The container is located in an unsecured location and is accessible to children and vandals.

B. Hazardous Substances Present

The MDNR investigated the site on May 5, 2000, following notification by the DOC and sampled the dark liquid in the drum. The material was analyzed for BNA (Method 8270). The sample results indicate that 2,5,6-trichlorophenol was present at 1,100 ppm along with 2,4,5-trichlorophenol at 550 ppm.

SUPR/Silver/Jackson/Rabenau/0712/00

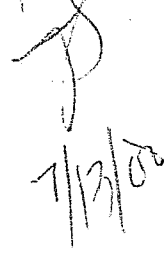
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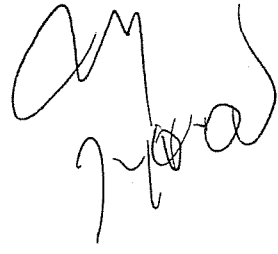
ER&R
Silver

ER&R
Singletary

ER&R
Jackson


7-16-00



7/13/00


7-14-00



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION VII
901 NORTH 5TH STREET
KANSAS CITY, KANSAS 66101

 JUL 14 2000

FINDING OF IMMINENT AND SUBSTANTIAL ENDANGERMENT

Henry Sever Conservation Area Drum Site
Newark, Missouri

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I. SITE INFORMATION

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Access:	<input type="checkbox"/> Restricted <input checked="" type="checkbox"/> Unrestricted
NPL Status:	non-NPL
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II. THREAT TO THE PUBLIC HEALTH OR WELFARE OR THE ENVIRONMENT

A. Site Background

The site is located in Knox County, approximately 3 miles north of Newark, MO on Rt. KK. The property is located in a rural area of north Missouri near a public recreation lake. A Missouri Department of Conservation (DOC) employee reported the abandoned drum to the Missouri Department of Natural Resources (MDNR). The container is located in an unsecured location and is accessible to children and vandals.

B. Hazardous Substances Present

The MDNR investigated the site on May 5, 2000, following notification by the DOC and sampled the dark liquid in the drum. The material was analyzed for BNA (Method 8270). The sample results indicate that 2,5,6-trichlorophenol was present at 1,100 ppm along with 2,4,5-trichlorophenol at 550 ppm.

C. Nature of Actual or Threatened Release of Hazardous Substances

The 55-gallon drum is located in an unsecured location with accessibility to the public. It is in a location the public routinely travels.

The following factors from 40 CFR 300.415 were considered in determining the appropriateness of a removal action:

 X Actual or potential exposure to nearby human populations, animals or food chain from hazardous substances or pollutants or contaminants [300.415(b)(2)(i)].

 X Actual or potential contamination of drinking water supplies or sensitive ecosystems [300.415(b)(2)(ii)].

 X Hazardous substances or pollutants or contaminants in drums, barrels, tanks or other bulk storage containers, that pose a threat of release [300.415(b)(2)(iii)].

 High levels of hazardous substances or pollutants or contaminants in soils [300.415(b)(2)(iv)].

 X Weather conditions that may cause hazardous substances or pollutants to migrate or to be released [300.415(b)(2)(v)].

 Threat of fire or explosion [300.415(b)(2)(vi)].

 X The availability of other appropriate Federal or state response mechanisms to respond to the release [300.415(b)(2)(vii)].

 Other situations or factors that may pose threats to the public health or welfare or the environment.

III. SELECTED REMOVAL ACTION

The selected action for this emergency response is to dispose of the contents of the container at an appropriate facility in compliance with CERCLA off-site policy.

IV. ESTIMATED COSTS

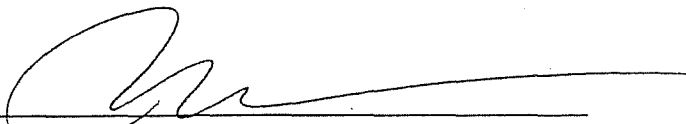
Extramural Costs

ERRS	\$1,026.29
Contingency	\$ 280.00
Subtotal, Extramural Costs	\$1,306.29

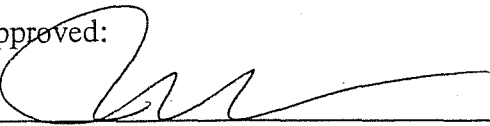
Intramural Costs

Direct cost	\$ 120.00
Indirect Cost	\$ 250.00
Subtotal, Intramural Costs	\$ 370.00

TOTAL REMOVAL PROJECT CEILING	\$1,676.29
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James O. Silver
On Scene Coordinator

Approved: 

Robert W. Jackson, Chief
Emergency Response & Removal Branch

Date: 7-14-00

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION REPORT

I. HEADING

Date: July 24, 2002

Subject: Henry Sever Conservation Area

From: James O. Silver, On-Scene Coordinator
U.S. EPA, Region VII

To: Larry Zaragoza, Director 5203G
Region 5/7 Accelerated Response Center

Report: 1st and Final

A755

Site:	Henry Sever Cons
ID #:	MOSFN0703653
Break:	2.5
Other:	7-24-02

II. BACKGROUND

Site No.: A755

Delivery Order No.: 0086

CERCLIS No.: MOSFN0703653

ERRS No.: 68-S7-7001

Response Authority: CERCLA § 104 (a)

NPL Status: Non-NPL Site

State Notification: MDNR Notified

Start Date: 07-12-00

Demobilization Date: 09-29-00

Completion Date: 01-19-01

Status of Action Memorandum: Signed

III. SITE INFORMATION

A. Incident Category

Midnight Dump

B. Site Location/Description

1. Site Location

The Henry Sever Conservation Area is the site where a 55- gallon drum was abandoned by persons unknown. The drum was reported to the Missouri Department of Natural Resources (MDNR) by the Missouri Department of Conservation. The site is located in an rural public use area in northeast Missouri. The site was investigated by MDNR on May 5, 2000. The drum was located in an unsecured location accessible to children and vandals.



2. Description of Threat

The drum contained spent pesticide and was located in an open area with access to the public, thus posing a threat to human health and the environment.

C. Preliminary Assessment/Site Inspection

MDNR investigated the site on May 5, 2000. Samples were taken of the drum and sent to a laboratory for analysis.

IV. RESPONSE INFORMATION

A. Situation

1. Initial Response

The Environmental Protection Agency (EPA) was asked by the MDNR to perform a removal action at the site following receipt of the analysis indicating the drum contained spent pesticide.

2. Removal Actions to Date

EPA tasked IT Group to arrange for transportation and disposal of the drum to an appropriate disposal facility. On August 18, 2000, the drum was overpacked and picked up by Mesa Inc. and delivered to MEI-MO for disposal. Further sampling indicated the waste contained polychlorinated biphenyls (PCBs) so the drum was transported to the Safety-Kleen facility in Deer Park, Texas for disposal.

B. Next Steps

All site work has been completed. No further response or removal actions are anticipated.

C. Key Issues

None.

V. COST INFORMATION

ERRS Contractor	\$ 2,279
Intramural Direct Costs	\$ 120
Intramural Indirect Costs	\$ 250
TOTAL COSTS	\$ 2,649

TOTAL REMOVAL PROJECT CEILING \$ 3,271

The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

VI. DISPOSITION OF WASTES

The drum of spent pesticide and PCBs was placed into an over pack and delivered to Safety-Kleen, Deer Park, TX for disposal.

cc:	Jim Gulliford, RGAD	Karen Fluornoy, OEP
	Michael J. Sanderson, SUPR	Joe Chandler, FEMA
	Andrea Jirka, SDDD	Robert Stewart, DOI
	Kenneth Buchholz, EFLR	Kevin Mould, 5202G
	Robert Jackson, ER&R	Craig Beasley, 5204G
	Antoinette Singletary, ER&R	Gary Behrns, MDNR
	Joleen Werst, STAR	



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION VII
901 NORTH 5TH STREET
KANSAS CITY, KANSAS 66101

SEP 12 2000

MEMORANDUM

SUBJECT: Request for a Ceiling Increase for a Drum Removal Action at the Henry Sever Conservation Area Drum Site

ACTION MEMORANDUM AMENDMENT

FROM: *James O. Silver*
James O. Silver, On-Scene Coordinator
EPA, Region 7

TO: Robert W. Jackson, Chief
Emergency Response and Removal Branch

Site ID: A 755
Category of Removal: Emergency
CERCLIS ID# MOSFN0703653

I. PURPOSE

The purpose of this amendment is to request raising the spending limit of the action memorandum due to increased disposal costs.

II. THREAT TO THE PUBLIC HEALTH OR WELFARE OR THE ENVIRONMENT

See action memorandum.

III. SELECTED REMOVAL ACTION

See action memorandum.

IV. ESTIMATED COSTS

Extramural Costs:

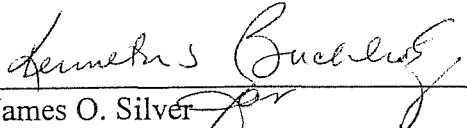
	<u>Current Ceiling</u>	<u>Approximate Costs to Date</u>	<u>Estimated Increases</u>	<u>Proposed Ceiling</u>
ERRS Costs	\$1026.29	\$ 800.00	\$1500.00	\$2526.29
Contingency	\$ 115.00			\$ 375.00

Intermural Costs:

Direct costs	\$ 120.00	\$ 60.00	0	\$ 120.00
Indirect costs	\$ 250.00	\$3266.29	0	\$1778.22

TOTAL REMOVAL PROJECT CEILING

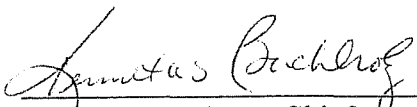
\$4309.46



James O. Silver
On-Scene Coordinator

Date: September 12 , 2000

Approved:



Robert W. Jackson, Chief
Emergency Response & Removal Branch

Date: 9/12/2000



ecology and environment, inc.

International Specialists in the Environment

Cloverleaf Building 3, 6405 Metcalf
Overland Park, Kansas 66202
Tel: (913) 432-9961, Fax: (913) 432-0670

MEMORANDUM

Site:	Henry Sever
ID #	MOSFN0703653
Block:	17.8
Other:	12-11-00

TO: Roy Crossland, EPA/START PO

FROM: Karla Granger, BRAL/STM *KG*

THRU: Robert C. Overfelt, CPG, E & E/START PM *RCO*

DATE: December 11, 2000

SUBJECT: Administrative Record for the Henry Sever Conservation Area Site, Newark, Missouri

TDD: S07-0008-021
PAN: 1615HSTSXX
CERCLIS ID: MOSFN0703653
SSID: A755
CC: Jim Silver, EPA/OSC
Antoinette Singletary, EPA/ARC

Attached is the Final Administrative Record (AR) for the Henry Sever Conservation Area site in Newark, Missouri. It has been reviewed and approved by the On Scene Coordinator (OSC) and the Regional Counsel (CNSL).

We will provide you with duplicate copies for placement in the repository and for EPA files.

127836



S00128277
SUPERFUND RECORDS



ADMINISTRATIVE RECORD FORM

Site Name: HENRY SEVER CONSERVATION AREAEPA ID: MOSFNO703653OP Unit: 00Seq #: 0001☐ Add Action (AR)☒ Edit Existing Action (AR)Action: Administrative RecordPlanned Start / / Planned Complete / / Actual Start / / Actual Complete / /

Action Qualifier (Choose One):

☐ E=Admin Record Compiled for a Remedial Event☒ V=Admin Record Compiled for a Removal Event

Subactions:

Planned Complete:

Actual Complete:

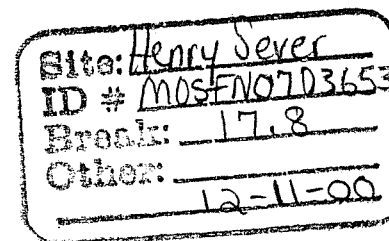
SCAP Notes:

YL Contractor for Review8/12/10012/11/100YI AR for RPM Review9/11/100 / / YD To CNSL for Review / / / / / / / / / / / / / / / /

FINANCIAL DATA:

Fin. Seq. # FMS Flg: Fin. Type: Bdgt. Srce: Fin. Amt. Fin. Date: Fin. Vehicle: Contractor:

Fin. Note:

 C P V \$ / / STAE&EBULH-FUNDING \$ / / \$ / / \$ / / RPM/OSC: DATE: / / BRANCH CHIEF: DATE: / / 

#127840

S00128278
SUPERFUND RECORDS



Ronald King

08/26/2002 01:39 PM

To: Kumud.Pyakuryal@ttemi.com
cc: Roy Crossland/SUPR/R7/USEPA/US@EPA
Subject: Henry Sever Conservation Area Site, Newark, MO (#MOSFN0703653)
Abbreviated Preliminary Assessment - Task Order No. 0100

Kumad,

I have reviewed the APA for the Henry Sever Conservation Area Site prepared by Stephanie McCaslin of your staff.

I am satisfied with the APA. The format, contents and conclusions will allow me to make a decision for this site. No revisions are necessary on this submittal.

If you have any questions, please give me a call.

Ronn King, Room 4207
EPA - SUPR/EFLR
901 N. 5th Street
Kansas City, KS 66101
Voice Mail: 913-551-7568
fax # 913-551-9568
email: King.Ronald@epa.gov

REMEDIAL SITE ASSESSMENT DECISION - EPA REGION VII

Page 1 of 1

EPA ID: MOSFN0703653 Site Name: HENRY SEVER CONSERVATION AREA

State ID:

Alias Site Names:

City: NEWARK

County or Parish: KNOX

State: MO

Refer to Report Dated: 08/22/2002

Report Type: PRELIMINARY ASSESSMENT 001

Report Developed by: START

DECISION:

☒ 1. Further Remedial Site Assessment under CERCLA (Superfund) is not required because:

☒ 1a. Site does not qualify for further remedial site assessment under CERCLA (No Further Remedial Action Planned - NFRAP)

☐ 1b. Site may qualify for action, but is deferred to:

☐ 2. Further Assessment Needed Under CERCLA:

2a. Priority: ☐ Higher ☐ Lower

2b. Other: (recommended action) NFRAP (No Further Remedial Action Planned)

DISCUSSION/RATIONALE:

The U.S. Environmental Protection Agency (EPA) has determined that no further remedial action by the Federal Superfund program is warranted at the referenced site, at this time. The basis for the no further remedial action planned (NFRAP) determination is provided in the attached document. A NFRAP designation means that no additional remedial steps under the Federal Superfund program will be taken at the site unless new information warranting further Superfund consideration or conditions not previously known to EPA regarding the site are disclosed. In accordance with EPA's decision regarding the tracking of NFRAP sites, the referenced site may be removed from the CERCLIS database and placed in a separate archival database as a historical record if no further Superfund interest is warranted. Archived sites may be returned to the CERCLIS site inventory if new information necessitating further Superfund consideration is discovered.

Site Decision Made by: RONALD KING

Signature: _____

Ronald King

Date: 10/02/2002